

CERTIFICATE UNDER 37 CFR 3.73(b)

Applicant: Hiatt et al.

Application No.: 08/300,484

Filed: September 2, 1994

Entitled: ENZYME CATALYZED TEMPLATE-INDEPENDENT CREATION OF PHOSPHODIESTER BONDS USING PROTECTED NUCLEOTIDES

Rose-Hiatt Biotechnology Partnership, a partnership

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

- A. An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 7278, Frame 0639, or for which a copy thereof is attached.

OR

- B. A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

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Additional documents in the chain of title are listed on a supplemental sheet.

- Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the present application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

3-28-97

Date

Signature

Floyd D. Rose

Typed or printed name

President of Floyd Rose Bioscience, Inc.,
a general partner of Rose-Hiatt Biotechnology Partnership
Title



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LOS ANGELES, CA 90017
ATTN: JEFFREY W. GUISE

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ASSIGNOR: HIATT, ANDREW C. DOC DATE: 09/01/94

ASSIGNOR: ROSE, FLOYD DOC DATE: 08/31/94

RECORDATION DATE: 09/02/94 NUMBER OF PAGES 005 REEL/FRAME 7278/0639

DIGEST : ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:
ROSE-HIATT BIOTECHNOLOGY PARTNERSHIP
10457 ROSELLE STREET, SUITE C
SAN DIEGO, CALIFORNIA 92121

SERIAL NUMBER 8-300484 FILING DATE 09/02/94
PATENT NUMBER ISSUE DATE 00/00/00

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ANDREW C. HIATT and FLOYD ROSE

Additional name(s) of conveying party(ies) attached? Yes No

2. Nature of conveyance:

 Assignment Merger Security Agreement Change of Name Other _____Execution Date: September 1, 1994

3. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: Sept. 1, 1994 Patent Application No.(s)

B. Patent No.(s)

Additional name(s) & address(es) attached? Yes NoAUG 26 1994
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U.S. GUARANTEE BRANCHAdditional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: JEFFREY W. GUISEInternal Address: LYON & LYON611 West Sixth Street, 34th Floor
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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

Jeffrey W. Guise 080 WC 09/22/94 08300484

Name of Person Signing

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5

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ASSIGNMENT

WHEREAS, WE **ANDREW C. HIATT**, a citizen of the United States of America, residing at 660 Torrance Street, San Diego, 92103, County of San Diego, State of California and **FLOYD ROSE**, a citizen of the United States of America, residing at 117 Via de la Valle, Del Mar, County of San Diego, State of California have invented a new and useful **ENZYME CATALYZED TEMPLATE-INDEPENDENT CREATION OF PHOSPHODIESTER BONDS USING PROTECTED NUCLEOTIDES** for which we have filed application papers for United States Letters Patent thereon, filed September 1, 1994, and

WHEREAS, ROSE-HIATT BIOTECHNOLOGY PARTNERSHIP, a Partnership, having its address and principal place of business at 10457 Roselle Street, Suite C, San Diego, California 92121, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor throughout the world.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said **ANDREW HIATT** and **FLOYD ROSE**, do hereby sell, assign, transfer and set over unto the said ROSE-HIATT BIOTECHNOLOGY PARTNERSHIP, its successors and assigns, the full and exclusive right, title and interest in and to the said invention, and in and to any and all Letters Patent to be granted and issued therefor, including all continuations, continuations-in-part and/or divisional

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applications, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries throughout the world, including all priority rights under the International Convention and any other applicable laws or treaties; and we hereby authorize and request the United States Commissioner of Patents and Trademarks to issue said Letters Patent to said ROSE-HIATT BIOTECHNOLOGY PARTNERSHIP, its successors and assigns, in accordance with this Assignment.

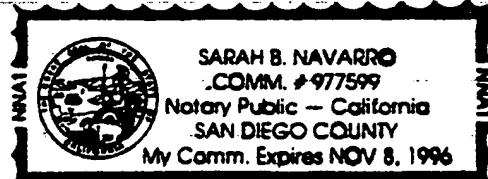
WITNESS MY HAND at San Diego, this 1st day of September, 1994.

Andrew C. Hiatt
ANDREW C. HIATT

STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN DIEGO)

On this 1st day of September, 1994, before me, the undersigned, a Notary Public for the State of California, personally appeared Andrew C. Hiatt, personally known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same.

Sarah B. Navarro
Notary Public in and for said
County and State



WITNESS MY HAND at San Diego, this 31st day of
September, 1994.

August

FDR

FLOYD ROSE

STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN DIEGO)

On this _____ day of September, 1994, before me, the
undersigned, a Notary Public for the State of California,
personally appeared Floyd Rose, personally known to me to be the
person whose name is subscribed to the foregoing instrument and
acknowledged to me that he executed the same.

Notary Public in and for said
County and State

State of CaliforniaCounty of San DiegoOn 08/31/94

DATE

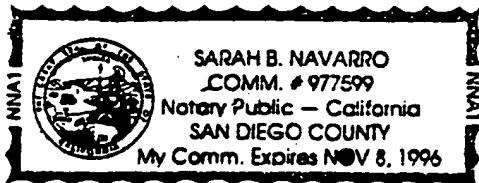
before me, Sarah B. Navarro, Notary Public

NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared Floyd Rose

NAME(S) OF SIGNER(S)

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

SIGNATURE OF NOTARY

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